

NONPROVISIONAL PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: 116373

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Date: August 18, 2003

MAIL STOP PATENT APPLICATION

Customer Number: 25944

NONPROVISIONAL APPLICATION TRANSMITTAL
RULE §1.53(b)

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the nonprovisional patent application

For (Title): ELECTROLYTE MEMBRANE FOR FUEL CELL OPERABLE IN MEDIUM
 TEMPERATURE RANGE, FUEL CELL USING THE SAME, AND MANUFACTURING
 METHODS THEREFOR

By (Inventors): Naoki ITO, Masahiko IIJIMA, Satoshi AOYAMA, Satoshi IGUCHI, and Koichi NUMATA

Formal drawings (Figs. 1-13; 13 sheets) are attached.
 Use Figure _____ for front page of Publication.
 A Declaration and Power of Attorney is filed herewith.
 This application claims benefit of Provisional Application No. _____ filed _____.
 (A Preliminary Amendment is attached to reflect this claim in the Specification if not already present.)
 This patent application is assigned to TOYOTA JIDOSHA KABUSHIKI KAISHA.
 The executed Assignment is filed herewith.
 An Information Disclosure Statement is filed herewith.
 Entitlement to small entity status is hereby asserted.
 A Preliminary Amendment is filed herewith.
 Priority of foreign applications No. 2002-248054 filed August 28, 2002 in Japan and No. 2003-072994 filed March 18, 2003 in Japan is claimed (35 U.S.C. §119).
 A certified copy of the above corresponding foreign applications is filed herewith.
 This application is NOT to be published under 35 U.S.C. 112(b). The undersigned attorney or agent hereby certifies that the invention disclosed in this application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.
 The filing fee is calculated below:

**CLAIMS IN THE APPLICATION AFTER ENTRY OF
 ANY PRELIMINARY AMENDMENT NOTED ABOVE**

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	40 - 20	= 20 *
INDEP CLAIMS	8 - 3	= 5*
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED		

* If the difference is less than zero, enter "0".

Check No. 145328 in the amount of \$1530.00 to cover the filing fee is attached. Except as otherwise noted herein, the Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

Respectfully submitted,

James A. Oliff
 Registration No. 27,075

Thomas J. Pardini
 Registration No. 30,411

03915 10/642282
 U.S. PTO
 08/18/03

FEE VALUE ACCOUNTABILITY	
DEPOSIT ACCOUNT NO.	
15	0461
1202	500

SMALL ENTITY		OTHER THAN A SMALL ENTITY	
RATE	FEES	OR	RATE
	\$ 375	OR	
x 9 =	\$	OR	\$ 750
x 42 =	\$	x 18	\$ 360
+ 140 =	\$	OR	\$ 420
TOTAL	\$	OR	+ 280 =
		TOTAL	\$ 1530

PATENT APPLICATION FEE DETERMINATION RECORD
Effective January 1, 2003

Application or Docket Number

10/642,282

CLAIMS AS FILED - PART I

(Column 1) (Column 2)

TOTAL CLAIMS	40	
FOR	NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS	40 minus 20 =	* 20
INDEPENDENT CLAIMS	8 minus 3 =	* 5
MULTIPLE DEPENDENT CLAIM PRESENT		<input type="checkbox"/>

SMALL ENTITY
TYPE

RATE	Fee	RATE	Fee
BASIC FEE	375.00	OR BASIC FEE	750.00
X\$ 9 =		OR X\$18 =	36 -
X42 =		OR X84 =	42 -
+140 =		OR +280 =	
TOTAL		OR TOTAL	1590

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	Minus	** 40	= 10
Independent	* 8	Minus	*** 8	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				<input type="checkbox"/>

SMALL ENTITY OR OTHER THAN
SMALL ENTITY

RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE
X\$ 9 =		OR X\$18 =	500
X42 =		OR X84 =	
+140 =		OR +280 =	
TOTAL ADDIT. FEE		OR TOTAL ADDIT. FEE	500

AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	Minus	**	=
Independent	*	Minus	***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				<input type="checkbox"/>

RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE
X\$ 9 =		OR X\$18 =	
X42 =		OR X84 =	
+140 =		OR +280 =	
TOTAL ADDIT. FEE		OR TOTAL ADDIT. FEE	

AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	Minus	**	=
Independent	*	Minus	***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				<input type="checkbox"/>

RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE
X\$ 9 =		OR X\$18 =	
X42 =		OR X84 =	
+140 =		OR +280 =	
TOTAL ADDIT. FEE		OR TOTAL ADDIT. FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.